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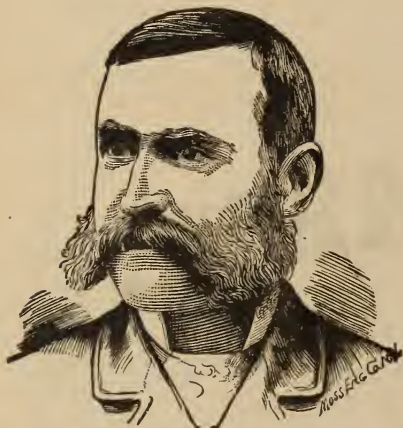
"If any who suffer from general debility, want of appetite, depression of spirits, and lassitude, will use Ayer's Sarsaparilla, I am confident it will cure them, for I have used it, and speak from experience. It is the best remedy I ever knew, and I have used a great many."—F. O. Lovering, Brockton, Mass.

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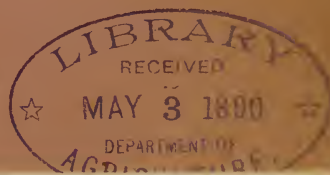
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## AND NEW FARM.

Vol. XXVII. BALTIMORE, April 30, 1890. No. 18.

### THE OPENING OF THE INNOCENTS.\*

BY BERTHA STUART WEST.

I was walking alone in the woods one night,  
 My mind was peaceful, my heart was light;  
 The violets peeped from under my feet,  
 Sending out perfume fragrant and sweet.

Had the Innocents blossomed? No;  
 Though they should have been out a week  
 ago,  
 I was thinking of this, for one I had not found,  
 When through the air came a tinkling sound.

As if tiny bells were being rung,  
 And fairy songs were being sung;  
 And from one opening in the wood  
 Came hundreds of fairies bright and good.

Their dresses were made from the Innocent  
 flower,  
 They seemed to spring from nook and bower.

\* Early Spring Flowers.

"Hurrah! for the Innocent Queen," cried  
 they,  
 "Every flower shall be opened ere dawn of  
 day."

"We are late this year on account of the  
 flood,  
 But if we work quietly and each take a bud,  
 I think we can finish before night is o'er,  
 And then we will leave to return no more.

Until next year, we will come again all  
 To open the Innocents and have our ball."  
 Then each to a flower skipped away,  
 Every one working, both fairy and fay.

They pulled down each petal soft and light,  
 I shall never forget the beautiful sight;  
 Each carried a pallett in one tiny hand,  
 In the other a brush with an Innocent band.

They would dip their brushes in a drop of  
 dew,  
 First paint a little white, then a little blue.  
 I watched them quietly till break of day  
 When quickly, silently, they stole away.

## SECRETARY'S RECORD

Meeting of the Board of Managers  
of the  
Baltimore County Agricultural Soc'y.

From The Union, Towson, Md.

A meeting of the Board of Managers of the Baltimore Agricultural Society was held at the office of Mr. W. S. Powell, Baltimore, on Wednesday, the President, Col. D. M. Matthews in the chair, and H. C. Longnecker, Secretary. The members of the Board present were W. S. Powell, Alex. McCormick, Jr., W. H. Wight, W. Jeff. Shanklin, D. H. Rice, S. G. Crocker, W. Fell Johnson and W. B. Cockey.

Messrs. McCormick and Shanklin, committee on premium list, suggested a number of changes in the same, all of which were accepted.

Mr. Wight, chairman of the committee on privileges, read the following report, which was adopted with but one dissenting voice:

To the President and  
Board of Managers:

Your committee on privileges have duly considered the financial wants and requirements of the Baltimore County Fair, and are fully impressed with the absolute necessity of increased income to insure its future life. Its present existence is entirely due to the personal liberality and public spiritedness of its managers in pledging their private means to liquidate the unpaid liabilities of the recent fair, taking for their only security the possibilities of future success.

We deem it imperative that the field of privileges be widely extended and all abuses be eliminated.

Considering the matter from a strictly business standpoint, and urged by the pressure of the cold facts of insufficient income, we make the following suggestions, without sentiment, and only as the means by which the actual existence of the fair is possible, for without increase of income it must certainly pass into history.

We recommend that the secretary be instructed to contract for the following:

- 1st. Liquor privilege.
- 2d. Pool-selling.
- 3d. Wheels of Fortune, &c.

And in fact submit for your consideration all offers that are calculated to produce income.

In the matter of abuses, we suggest that the privileges of stockholders be either for the present entirely suspended or at least limited to a single admission of the holder, and not permitting competition for money prizes without fully paid entrance fees.

We fully concur in the absolute uselessness of the ornamental position of vice-presidents, and urge the abolishment of the same.

We suggest that single admission tickets be sent to appointed judges, with instructions to apply to the superintendents of their classes for the proper badges, who will, after the performance of their offices, supply the same.

Having acted to the best of our ability within the scope of our appointment, we respectfully submit our report for your consideration, and invite your unreserved criticism and suggestions.

Respectfully,  
W. H. Wight.  
W. Fell Johnson.  
W. B. Cockey.



Entered as second class matter at Baltimore, Md.

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AND  
NEW FARM.

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ISSUED EVERY WEEK.

**ANOTHER OPPRESSIVE LAW  
AGAINST FARMERS.**

Farmers who come to Baltimore and deliver their produce to private families must pay a huckster's license of \$25.00. An ordinance to this effect is before the council. It prevents the farmer from selling his own produce unless he has enough to make it a special business. It forces farmers to sell their little extra produce to middle men instead of to consumers. It is in perfect keeping with the mean policy which seems to actuate other classes in dealing with the farmers. Cannot some retaliatory measures be visited upon those who are thus constantly heaping oppressions upon the farmer?

**A SPECIALTY.**

We are now publishing a series of chapters on poultry and poultry keeping, which seem to be attracting a very large share of attention. Numerous readers express an interest in them and we have constant inquiries about poultry fixings, such as incubators, wire netting, etc.

Poultrymen would do well to take advantage of this occasion to advertise more extensively in our columns. It would save us much writing and bring orders for goods to the proper parties.

**WEBSTER'S DICTIONARY**

Oh, how cheap!

Street & Smith, publishers of the New York Weekly, authorize us to offer to our subscribers who pay one year in advance, or, who send us one new subscriber—sending \$3 in addition—\$4 in all—3 months of the New York Weekly and Webster's large Dictionary, 8 by 10½ by 4 inches weight 9 pounds. Every reader of this should have a copy of this Dictionary, the regular price of which is \$12.00. A great opportunity. Address Maryland Farmer.

**BOOKS OF PETER HENDERSON.**

Perhaps no books ever written were more practical than those of the late Peter Henderson. We can supply them to our subscribers post paid as follows:

	Cash.	Premiums for subscriber's
Gardening for Profit	\$2.00	4
Gardening for Pleasure	2.00	4
Practical Floriculture	1.50	3
How the Farm Pays	2.50	5
Garden and Farm Topics	1.00	2
New-Hand Book of Plants and General Horticulture issued Feb. 1, 1890.	4.00	8

BALTIMORE COUNTY AGRICULTURAL SOCIETY.

**BALTIMORE COUNTY FAIR.**

MEETING OF THE BOARD OF MANAGERS.

# Rum, Gambling and Rioting Triumphant!!

## Where is Morality and Progress?

**Insult to every Family in Baltimore County who would attend.****Farmers Must Protest.**

"We recommend that the secretary be instructed to contract for the following: 1st. Liquor privilege. 2nd. Pool selling. 3d. Wheels of fortune, &c. And in fact submit for your consideration all offers that are calculated to produce income."—Report of the committee, "adopted with but one dissenting voice." This is taken from the official minutes of the meeting of the Board of Managers, Apr. 26.

It is proper to state that members of the Board have told us that it is understood that the liquor privilege is to be advertised for bids, and it will be sold if the bids are satisfactory as to amount of money.

Not one of the gentlemen composing the Board would as an individual sanction the above on his own premises. We have too much respect for them to believe that they would be guilty of this thing.

But if a little money can be made for the Fair, these, and all other similar things, will be allowed at Timonium next September.

They assert that they depend upon Baltimore city for the patronage necessary to make the Fair a success. To get the people of this city to visit it, they must have plenty of gambling, plenty of rum and plenty of licentiousness, is the natural inference. They must pander to the basest passions of the lowest classes to get the people of the city to patronize the Fair!!

We do not believe this. We suppose they must believe it. The above action would say they did. At any rate, it says: money is everything—morality nothing.

No respect for decency shall prevent immodest, disgusting exhibits as side shows!

No regard for the young shall prevent the open encouragement of every species of gambling which can entice them to their ruin!

No bias on the side of temperance shall prevent the full endorsement

of rum-drinking on the grounds. The labor of the best citizens and the efforts of all christian people to abate the horrors of the rum traffic, are openly defied!

We call upon the Farmers and their families of Baltimore county to unite as one man and demand that this action shall be revoked, this outrage be prevented, on the penalty of non-patronage of the Fair.—Send letters to the secretary.

Do you want your wives and daughters insulted by indecency and open blackguardism?

Do you want your sons ruined by gambling or debauched by rum?

Do you wish your homes invaded by low characters and riotous drunkards?

These things will surely be the results of this public endorsement of gambling, rum selling, licentious shows and "all offers that are calculated to produce income."

The harvest of black-legs and confidence operators! Let them swarm here from all parts of the country—only a few dollars demanded!!

Tent room for brothel keepers and lewd characters, for a small payment.

"ALL OFFERS" for cash invited!!

Can nothing be done to stay this eruption of vice endorsed by the Baltimore County Fair? Take it in time, and do not hesitate to talk and act. Refuse your contributions to it unless it is reformed. Keep your families away from it, if they will not change this action. Consider it, as it is, a gross outrage and insult to every farmer's family who would attend the fair.

We are requested by some of the managers to remember that the Board is composed of honorable men of substantial worth and discretion. They hold this position in the community. Therefore it is the more to be deplored that they lend their names and influence to this immoral movement. Men of means, men of refined associations, men with pure women, estimable sons and daughters in their families, to offer deliberately to receive bids for granting their public encouragement to the unlimited spread of debauchery and immorality.

It is said in the report, which see on another page, that unless this is done the "actual existence of the Fair" is at stake, "it certainly must pass into history." We do not believe this; but better indeed that it should "pass into history," than that it should remain a disgrace and huge blot upon the morals of the community—a centre of obscenity, drunkenness and general immorality.



### CLOD CRUSHERS.

In many sections are farmers of small means who may not indulge in the luxury of paying cash for labor saving implements. With a view of assisting this

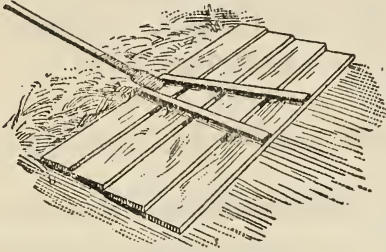


FIG. 1—CLOD CRUSHER.

class of readers we show cuts of two forms of clod crushers, originally described by *Prairie Farmer*.

The first is made of four planks, 10 feet long and 10 inches wide. These are simply lapped one on the other, from front to rear, and bolted together and strengthened by the cross pieces, as shown in Fig. 1. A tongue is attached to a hinged joint, as shown.

The preference is given, however, to the crusher shown at Fig. 2. This is made of seven pieces of hard wood scantling, 4x4 inches, put together as shown, so that an edge of each rests upon the ground. These are fastened together by headed, long rods, of seven-eighths iron, running through all from front to rear, and drawn up tight by means of nuts at the other end of the rods. A toggle chain is used to draw by, the driver standing on the crusher being able to guide the

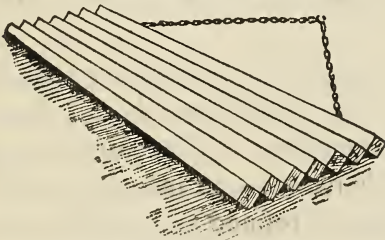


FIG. 2—CLOD CRUSHER.

whole in any direction by slightly changing position on the scantling. Thus, in leveling, the earth may be left in low places.

#### Kerosene in the Poultry Yard.

The many uses that kerosene may be put to in the poultry yard make it an al-

most indispensable article to be charged to the expense account, and no other article will so enhance the profit of the poultry yards as kerosene diligently and intelligently used. For painting the inside of nest boxes for sitting hens there is nothing equal to it, as it surely kills all vermin with which it comes in contact, and prevents other vermin from entering the nest until it is entirely evaporated, which, if the crude oil is used, will give the hen ample time to hatch her brood. A few drops in the drinking water occasionally has a good effect upon the general health of the flock, and for colds or roup there is nothing better if carefully applied. Scaly legs may be cured by simply wetting the legs of the fowls affected occasionally, and the crude oil is best in this case also, as it takes a much longer time to evaporate. When the crude oil is not readily obtained, some kind of heavy oil or grease should be mixed with the kerosene to stay evaporation. As a remedy for cholera it has been highly recommended, according to a correspondent in *Fancier's Review*.

#### Transplanting Large Trees.

Robert W. Furness, of Nebraska, who has had a long experience, advises as follows in regard to transplanting the larger forest trees for ornamental purposes: "All above one inch in diameter, to insure success, should be cut back to six, eight, ten or twelve feet, as taste may dictate. I prefer six and eight feet. Prune off every limb, leaving the tree, when planted, a mere bare stem or stake. Where cut off at top, and where limbs are cut away, they should be painted over with thick common paint, or, better, a thick solution of gum shellac and alcohol. The theory is that the first duty a transplanted tree has to perform is to get hold of and identify itself again with the soil. Everything retarding this work should be avoided. Where limbs are left leaves put out soon, and the growth work goes on in that direction, thus retarding work under ground."

The South Australia recent wheat threshings have proved rather disappointing, a good deal of the grain being small and shriveled, and the yield nearer eight bushels than ten. The earlier threshings, however, were often very good.

We keep no stock; but the purchasing agency secures inside prices on everything you need—try us.

## THE ROOT KNOT DISEASE.

Statements Made About It by Florida's State Entomologist.

In a report made to the division of entomology at Washington the following statements occur: Root knot is caused by the microscopic worm (anguillula) and not from want of some important element in the soil or careless cultivation. Under its attacks the roots of the okra, radish, cabbage, cucumber, melon, cow-pea, peanut, tomato and egg plant en-



ROOTS OF PEACH TREE AFFECTED BY KNOT.

large enormously and soon become little else than a mass of decaying tissues. In nurseries of young fruit trees great mischief occurs. The peach and fig often grow vigorously for one or two years and bear fruit that drops prematurely, then they take on an irregular growth of stunted limbs and small leaves. In the case of all the varieties of the plants attacked the effect is to deprive the stems and leaves of food and moisture: the knots grow, the branches do not. The illustration exhibits the roots of the peach, with the enlargements caused by anguillula.

The disease nowhere extends beyond 150 miles from the coast, and seems to reach its climax in Florida. Places favored with hot, dry summers and cold, wet winters are not likely to suffer from its ravages. Soil that is annually frozen

from 6 to 10 inches is disinfected from the worms. For this reason, it is thought, some northern states with sandy soils still escape this plague in their peach orchards. In Texas it is only found along the coast, and then only in wet locations.

In the line of remedies a mixture of tobacco dust and caustic lime applied to young peach trees appeared as near a preventive of the "knot" as anything that was tried. Nothing of value was found for old bearing trees if badly affected. Bisulphide carbon and saturation of the surface soil with kerosene emulsion killed the trees. Artificial fertilizers containing ammonia, guano, bone and fish produce a rapid growth, soft and easily attacked by the anguillulae. Alkaline mixtures used several years in succession have come nearest a cure. The addition of tobacco dust in large quantities supplies nitrogen and makes a vigorous growth of roots and limbs and seems to have considerable preventive effect on the worms.

#### Formation of Strong Wood.

A knowledge of the strength and durability of timber as influenced by the conditions under which the same was made is of great importance. It would greatly advance forest tree culture if we only knew the most suitable conditions for making the best ash, oak and a score of other woods. The position trees occupy in the wild state is not always a guide in making plantations. Because a tree grows upon a rocky cliff, it is no reason why it would not thrive in rich soil. Is it true that the more quickly wood is formed the stronger it is? When we look at the end of a log it is seen to be made up of a number of rings. These rings are caused by unequal growth during each season. A comparatively porous layer is made during the rapid growth of early summer, followed by a more dense portion later in the season. It would seem that the more rapid the growth, other things being equal, the more porous would be the product.

#### Geraniums in Winter.

If the geraniums are expected to bloom in winter, they should be cut back considerably as soon as they are done blooming and then be set in a sunny place for two or three weeks.

Everybody's Law Book How to write legal forms of all kinds. 25 cents. Address Maryland Farmer.

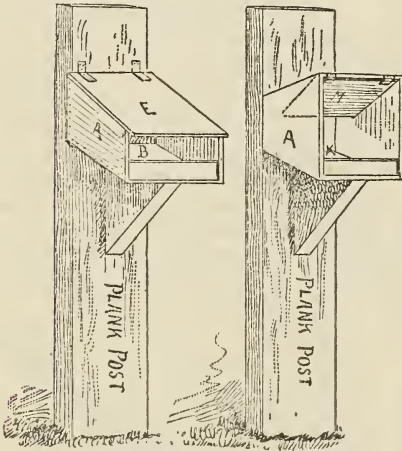


## SALT BOXES FOR FARM STOCK.

**Cheap and Simple Designs of Boxes Accessible to Stock and Protected from Rain.**

It is just as necessary for the thrift of farm animals that they should have salt as that their food should be clean and wholesome; furthermore, the salt should be so placed that it may be obtained by them whenever nature craves it, and they should not be obliged to wait until the attendant deals it out to them, and as this is usually done it would be at irregular periods and in irregular quantities. It is to suggest a good means of properly "salting" stock that the designs of salt boxes shown in the cut are given. These, according to the correspondent who describes them in Rural New Yorker, are cheap, simple affairs, but well adapted for the purpose intended. The object is to have a box holding a quart or more salt on the bottom, so arranged that when placed out of doors it will be accessible to stock and yet protected from rain.

One is nearly a foot square and eight inches deep at the back, and six inches



TWO GOOD SALT BOXES.

in front, which is only partly inclosed. The lid E projects one inch in front. The whole arrangement is firmly attached to a post or building. The salt is placed at B in sight of the stock, which soon learn to push up the hinged cover with their noses, and help themselves whenever they so desire. The remaining figure shows a different style, as the door is attached at the top, and is simply pressed against when salt is needed. It is best to fasten the door back, as shown.

for a few days until the animals know what the box contains, and then it can be allowed to swing in position. Any one using these or similar boxes will be surprised at the frequency with which stock visit them, and the sight will educate the farmer to be more liberal with salt in the future.

#### How to Grow Cabbage.

To have cabbage early, tender and delicious, and to have it productive, it must be well fed. The secret of success that attends its cultivation by the market gardeners is the vast quantity of manure used. Where manure cannot be cheaply obtained cabbage should be grown on sod ground, which, for early market purposes, should be plowed not later than the 1st of October. There is no fertilizer cheaper or more effective for cabbage or other crop than a decaying sod. For late cabbage plow about the middle of May, or when grass is in the most active state of growth; it is then as effectually killed as though plowed in autumn. Manure should be put on and plowed in about the middle of July, or just before the setting of the plants. As soon as the plants are established set the cultivator at work in the field, the hoe in the garden; not only should they be set at work, but they must be kept at work—persistent work in cultivation is the price of cabbage. The cultivator will not long do in the field; the small plow must follow, as no other implement pulverizes the soil as well. In the garden the fork must follow the hoe.

On the subject of varieties, C. L. Allen, authority for the foregoing, tells in American Agriculturist that the best cabbage is the Jersey Wakefield, both early and late varieties. The late sort is now popular with the market gardener as a succession, coming in between the Early Wakefield and the Early Summer. For late cabbage, the Savoy is one of the best as a keeper, as well as for quality. The next choice is All Seasons, one of the best for a general crop. In the choice of varieties for a general crop, locality is to be considered. A given variety will not thrive alike in all situations any more than a given variety of apples will.

#### Care and Improvement of Pastures.

Grass ought not to be pastured in very early spring before the ground settles and the sod becomes firm. By this early pasturing the tops are kept closely cut

We send any Book you may want free by mail on receipt of publisher's price.

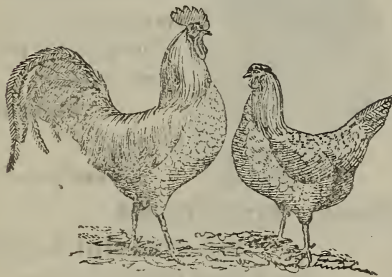


off, the roots are much injured, from which the grass does not recover for the entire season. To gain and thrive a grass needs some green leaves. When the pasture is thin and unproductive harrow the surface and sow on other kinds of grasses and clovers, with a top dressing of some fertilizer. This serves, to some extent, as a rotation of crops for the soil. When the cattle are fed oil meal or other rich food, most of it goes to fertilize the land. Baron J. B. Lawes advises against feeding grass the first year. He opposes mowing it the second year, having found that this practice destroys the clovers and lesser grasses by encouraging the stronger growing spires. He avoids mowing for several years, feeding with cattle in preference to sheep. He sows a variety of grasses, leaving the best to hold their own. The falling off of a pasture may be avoided by a liberal feeding on the ground of cattle eating cotton meal cake.

#### ANDALUSIAN FOWLS.

##### A Leading Variety of the Spanish Group, Which Is Now an Established Breed.

The Andalusian fowls depicted in our cut represent a leading variety of the Spanish group, and are also known by the name blue Spanish and blue Andalusian. The appearance of all this group has been well described as follows:



ANDALUSIAN COCK AND HEN.

A close, compact, smallish sized body, placed upon legs of good length; the neck rather long, with a fine head; a large upright single comb in the cock, and in the hen also large, but falling at one side; and the cocks have large sickle shaped tails. Of course, the color, plumage, etc., of the Spanish group are different in the several varieties, but the general appearance is as here described.

In Andalusians the plumage is a slaty

blue, but on the cock's neck and back it is dark purple or nearly black. The face is bright red. The birds are of good size, are prolific layers of large white eggs and bear confinement well. They are fair table birds when young, can be kept on fairly dry soils and are non-sitters. They require protection from extreme cold.

In selecting Andalusians pay attention to erectness of carriage and avoid birds with any white on the face, as this indicates a cross with the black Spanish.

#### Beet Culture in a Nut Shell.

The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow in hot beds and transplant, cutting off the outer leaves; or for general crop, sow as soon as the ground will permit in drills eighteen inches apart and thin out to three inches in the row. For winter use, the turnip varieties may be sown in June. If possible, always sow in freshly prepared soil, which should be pressed firmly over the seed; one or two ounces or single packets of four or five sorts will give a good supply.

#### Notes and Comments.

Fine dust and flour of sulphur mixed in equal parts and dusted into the hair of cattle is said to be an excellent remedy for lice.

A great and growing interest in bee culture has sprung up all over the alfalfa producing districts of the country.

Thumps in pigs is generally caused by over feeding.

An Ohio man has hornless Jerseys, the result of crossing a mooley cow and a Jersey bull, the horns disappearing in the third generation.

Hogs can be grown with profit on any farm that will grow alfalfa.

Do not crowd the fowls, especially as warm weather comes on. Close quarters invite disease.

Have coops provided and yards arranged in readiness for the young chicks and their mothers.

There should always be plenty of clean drinking water in the poultry yard.

Chopped onions fed once or twice a week help to keep fowls healthy.

Bone meal mixed with other food is a valuable preventive of leg weakness in young fowls.

**Changing Bees from Box Hives to Frames.**

Any one can transfer bees. It is only necessary, after having the frame hives ready, to smoke the bees until they fill themselves with honey, which they will always do when smoked. A bee smoker is indispensable. The smoke should be applied at intervals, for some ten minutes, before beginning to make the transfer. Bees, when full of honey, will not sting. When a box hive is to be transferred, turn it bottom up; draw the nails and pry off two sides, after carefully severing the brace combs from them. The combs are thus laid bare, when, with a thin bladed, sharp knife, they may be cut out and made to fit in the frames, where they may be fastened by either wrapping with twine round the frame or strips of wood tacked at each side.

The frames may be prepared in advance by tacking strips of wood on one side, and when the combs are laid in the frame the strips may be added to the other side. The fastenings are readily made with a fine buzz saw. They should be one-fourth of an inch wide and about three-sixteenths of an inch thick, and one-half inch longer than the width of the frame, to allow of their being tied across the ends, where the comb will not allow of tacks being used, or they may thus be fastened at the ends without the use of tacks.

In cutting out the combs it is important to save all containing brood. In placing the frames in the new hive have the brood combs in the center. All drone comb should be kept out to suppress the overproduction of drones. Use the best combs only and procure foundation comb to fill out the empty space. The fastenings may be removed in three days thereafter, as the bees will fasten up the combs. After the transfer place the new hive in the same place that the old one formerly occupied, and dislodge the bees from the old box. They will eventually go to the new hive.—American Agriculturist.

The Pekin is probably the most popular duck for the farm, being hardy, easy to raise and of a nice size and appearance for marketing.

Remember that with the warm weather come lice, and give good care to prevent them on the sitting hens.

Tell him to send to us for sample copies.

Tell your neighbor that we come to see you every week.

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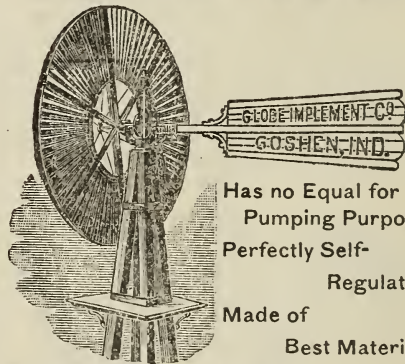
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#### Cleaning Seeds.

A simple contrivance for cleaning a small quantity of such seeds as tomato, cucumber, etc., which have a soft pulp attached to them, may be made by removing the bottom of a small box and replacing it with mosquito wire. American Garden suggests a ten pound spice box, which measures about 8x10 inches. A narrow strip of wood should be tacked over the net all around the edge of the box, so that small seeds cannot be pushed through. Most of the pulp can readily be rubbed through the meshes of the wire. Tomato seeds are apt to stick when dry, even if well cleaned; to prevent this rub them between the hands when partly dried.

#### Keeping Grapes.

Many different modes of keeping ripe grapes have been recommended and adopted, but the two great requirements for success are a continued low temperature, a few degrees above freezing, and well ripened fruit. Badly ripened and poor watery grapes will not remain long. Packed in dry or baked sawdust, they are excluded from air currents, and are thus easily kept till midwinter in a cold apartment. The Agriculturist says that if wilted and then buried in stone jars three or four feet below the surface, they will come out with stems green and fruit plump and bright.

#### The Dwarf Gray Willow.

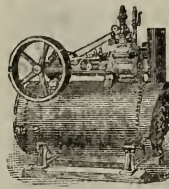
The Dwarf Gray Willow (*Salix tristis*) should make an excellent plant for the slopes of embankments and excavations along railroads, where it will flourish. It rarely exceeds two feet in height, and has slender stems not more than half an inch in diameter. The roots, however, are often as thick as a man's wrist, so that it is a hard plant to dislodge, and it would render good service in holding a bank firm, according to Garden and Forest.

The National Chrysanthemum society, with John Thorpe president, and Edwin Lonsdale secretary, started with a membership of fifty persons, mostly or entirely from the Florists' association.

A common error in planting fruit trees is in setting them too closely, especially apple trees.

There is no better manure than wood ashes for manuring grape vines and fruit trees.

Fun and Fact. 160 pages, paper covers, 25 cents Address Maryland Farmer.



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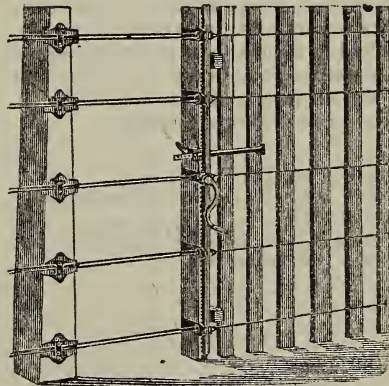
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#### Which Is the Favorite Rose?

The query, "Which is the favorite rose?" is a difficult one to answer in a general way. Each locality appears to have a favorite of its own. While there is considerable diversity in popular favor, Mr. W. H. Taplin, of Pennsylvania, thinks that the preference for large roses is quite general, and therefore American Beauty will undoubtedly receive its full share of attention during the coming winter. And yet, in some of the largest flower markets, as, for instance, in New York and Philadelphia, Madame Cusin and Madame de Watteville, both pretty, though neither notably large or of specially fine form, are extremely popular and consequently in large demand.

#### Influence of Walnut Trees.

A recent communication to Rural New Yorker is to the effect that walnut trees have an injurious effect on fruit trees growing near them. The correspondent writes that the planting of apple trees near a walnut tree, in his own experience, resulted in the death of twelve trees, not one surviving within seventy-five feet of the walnut tree, while the rest of the orchard is in a thriving condition.



**FOR THE BLOOD,**  
Weakness, Malaria, Indigestion and  
Biliousness, take  
**BROWN'S IRON BITTERS.**  
It cures quickly. For sale by all dealers in  
medicine. Get the genuine.

#### The Millet.

Millet is a good crop for cutting and feeding green. Generally speaking, the yield is large. It also cures into good hay, but for this purpose should be cut in blossom. Millets give best crops in well manured land of medium consistency; they withstand draughts well and are valuable as "stolen" crops. Being annuals of rapid growth, they can be sown after early crops have been taken off. Henderson advises, for hay, to sow broadcast at the rate of one-half bushel per acre, from May 1 to Aug. 1; for grain, sow in drills, one peck to the acre, not later than June 20.

It appears that the hard pine of the south, for which there is an increasing demand, is in danger of exhaustion much more rapidly than was supposed possible ten years ago.

Tell your neighbor that we come to see you every week. Tell him to send to us for sample copies.

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**Here and There.**

According to a report of the agricultural department at Washington, the homestead area, supposed to be limited to 200 miles west of the Missouri, already extends about 400 miles, and it is thought there are surprises of success yet in reserve for the experimental arid lands farmer of the future.

The corn crop of Texas is reported as the largest ever grown. The quality of the wheat is excellent. A good crop of sorghum has been realized. In some portions of southern Texas large crops of the sugar cane have been planted, and handsome profits have been reaped. An immense crop of cotton has been grown.

**Concrete Floors for Stables.**

With a concrete floor in a basement where horses or cows are stabled all the liquid manure may be easily saved. The floor under the animals may be made of pine or hemlock plank, matched and grooved, and inclining toward the gutter in the rear. The cement should be the Rosendale grade on a groundwork of gravel where drainage is provided, and this overlaid by the best Portland cement for additional hardness. If a cement floor is to last long it must be protected from severe freezing.

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Vice President Morton is a noted breeder of Guernsey cattle. At his farm on the Hudson he has one of the finest herds of this breed to be found in the United States. Many of his animals have won prizes at state and county fairs. Mr. Morton is also one of the directors of the American Southdown association, an organization that has for an object the maintaining of the purity and high standard of American bred Southdown sheep.

S. M. Emery, chairman of the committee appointed by the American Association of Nurserymen for the purpose of securing lower rates on express lines, reports that a new classification has been agreed upon which amounts to a reduction of 20 to 25 per cent. on all express lines, on all shipments of trees and shrubs, boxed or baled. Such packages are now classed with produce. This is good news to fruit growers, nurserymen and many others. We now have reduced freight, reduced postage, and reduced express charges on nursery stock.

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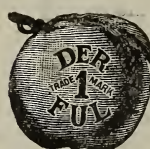


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**DESCRIPTION.**

Post Captain is a beautiful golden bay in color, 16½ hands high, weighs 1350 lbs and is just 5 years old. He is a high stepper, with beautiful action, and promises great speed shows already without training less than a 4 minute gait. The progress of this famous breed are all bays in color, well matched, and is the gentleman's carriage horse in England—No trouble to get matches which command high prices. He has only to be seen to be admired—His symmetry is magnificent, and is a sure foal getter. Terms \$25.00 the season, with the privilege to return mares during fall season should they not prove in foal. Mares from a distance to be paid for when taken away—will care for mares at a cost of \$2.00 a week, shipment of course at expense of owners of mares, write to

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**A Fine Market Tomato.**

Professor Bailey, in a talk about the Ignatum, which originated with him while at the Michigan Agricultural college, says that it is without question the finest market tomato which he has ever grown. Its particular points of superiority are large size, regularity of shape, solidity, productiveness and uniformity throughout the season. It is the largest and heaviest of the perfectly regular tomatoes, and the most solid of any of the market sorts. The pickings from his patches this year were usually fit for market as they came from the vines, and the last picking, Oct. 10, after a long season, was scarcely inferior to the best picking of the season.

**Young Orchards.**

For at least three years cultivate the young orchard. We have often said that if you desire to grow a crop of apples you must give the crop something of the care you give to other crops. We have seen orchards planted in a grass field and left to grow while the ground was occupied by the grass. We never saw a good orchard grown in that way, however. Plant the young orchard in some crop that will not shade the trees or prevent a full supply of moisture.

**FOR DYSPEPSIA**

Use Brown's Iron Bitters.

Physicians recommend it.

All dealers keep it. \$1.00 per bottle. Genuine has trade-mark and crossed red lines on wrapper.

**Culture and Treatment of Grape Vines.**

Set the grape roots eight feet apart, and six to ten inches deep. Prune, or rub off, all the laterals and throw the growth into one cane. The first year, in November, cut it off eighteen inches above the ground and bend it up or down the row, and cover with earth. The following years train to one or more canes with spurs, and in November cut off three-fourths of all the new wood, and if you reside where protection is necessary, lay down and cover. After the fruit is set, if you want to protect from birds, insects, mildew and rot, slip a small paper bag over the cluster and pin it about the stem, advises a Wisconsin fruit grower.

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A so-called "Webster's Unabridged Dictionary" is being offered to the public at a very low price. The body of the book, from A to Z, is a cheap reprint, page for page, of the edition of 1847, which was in its day, a valuable book, but in the progress of language for over FORTY YEARS, has been completely superseded. It is now reproduced, broken type, errors and all, by photo-lithograph process, is printed on cheap paper and flimsily bound. A brief comparison, page by page, between the reprint and the latest and enlarged edition, will show the great superiority of the latter. These reprints are as out of date as a last year's almanac. No honorable dealer will allow the buyer of such to suppose that he is getting the Webster which to-day is accepted as the Standard and THE BEST,—every copy of which bears our imprint as given below.

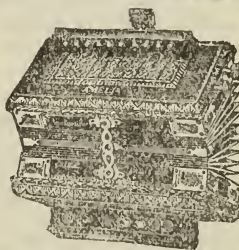
If persons who have been induced to purchase the "Ancient Edition" by any misrepresentations will advise us of the facts, we will undertake to see that the seller is punished as he deserves.

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**Z. DeForest Ely & Co.** The Popular Seedsmen. Philadelphia, Pa.

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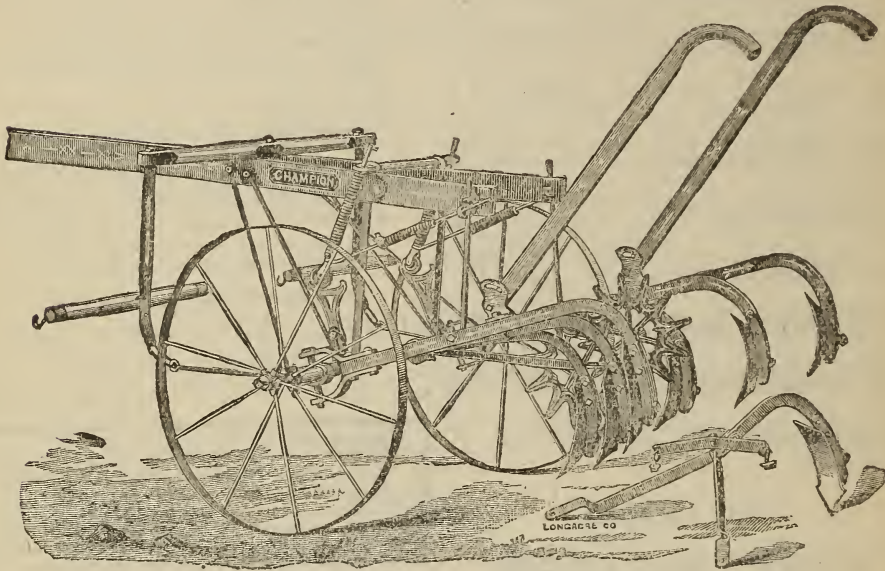
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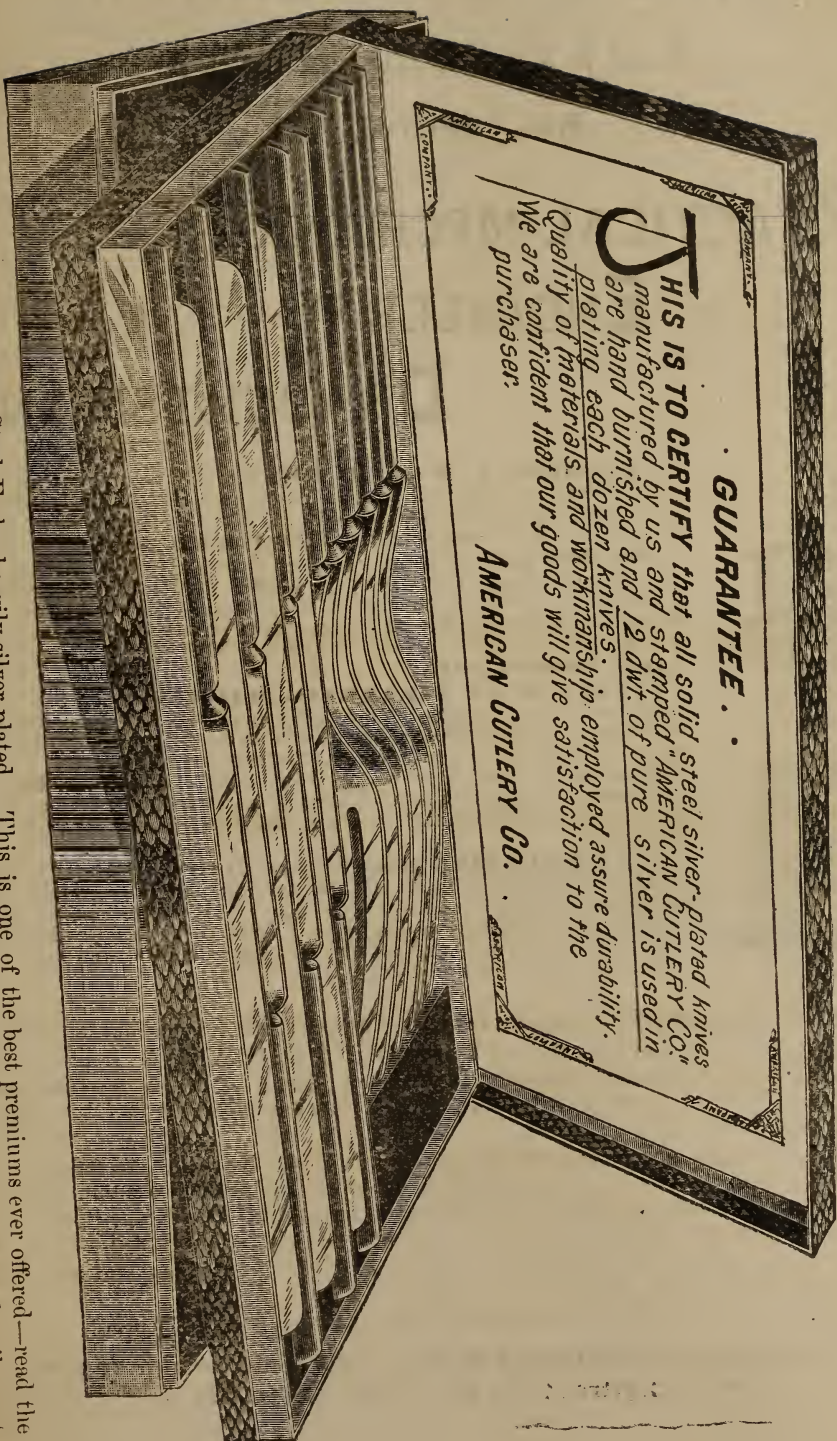
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